

## Cross Section Reference

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Cross-section file:

DU = S.T. Massie, A. Goldman, D.G. Murcray, and J.C. Gille, "Approximate absorption cross sections of F12, F11, ClONO<sub>2</sub>, N<sub>2</sub>O<sub>5</sub>, HNO<sub>3</sub>, CCl<sub>4</sub>, CF<sub>4</sub>, F21, F113, F114, and HNO<sub>4</sub>," Appl.Opt. 24, 3426-3427 (1985).

NCAR = A.H. McDaniel, C.A. Cantrell, J.A. Davidson, R.E. Shetter, and J.G. Calvert, "The Temperature Dependent, Infrared Absorption Cross

Sections for the Chlorofluorocarbons: CFC-11, CFC-12, CFC-13, CFC-14, CFC-22, CFC-113, CFC-114, and CFC-115," J.Atmos.Chem. 12, 211-227(1991); S.T. Massie, A. Goldman, A.H. McDaniel, C.A. Cantrell, J.A. Davidson, R.E. Shetter, and J.G. Calvert, "Temperature Dependent Infrared Cross Sections for CFC-11, CFC-12, CFC-13, CFC-14, CFC-22, CFC-113, CFC-114, and CFC-115," NCAR Technical Note/TN-358+STR (1991).

NCAR-a = C.A. Cantrell, J.A. Davidson, A.H. McDaniel, R.E. Shetter, and

J.G. Calvert, "Infrared Absorption Cross Sections for N<sub>2</sub>O<sub>5</sub>," Chem.Phys. Lett. 148, 358-363 (1988).

RAL = J. Ballard, W.B. Johnston, M.R. Gunson, and P.T. Wassell, "Absolute Absorption Coefficients of ClONO<sub>2</sub> Infrared Bands at Stratospheric Temperatures," J.Geophys.Res. 93, 1659-1665 (1988).

ORPHAL-ORSAY = J. Orphal, M. Morillon-Chapey, and G. Guelachvili, "High-Resolution Absorption Cross Sections of Chlorine Nitrate in the v2 Band

Region around 1292 cm<sup>-1</sup> at Stratospheric Temperatures," J.Geophys.Res.D (1994).

N<sub>2</sub>O-SAO = K.Yoshino, D.E. Freeman, and W.H. Parkinson, "High Resolution Absorption Cross-Section Measurements of N<sub>2</sub>O at 295-299K in the Wavelength Region 170-222 nm," Planet.Space Sci. 32, 1219-1222 (1984).

SO<sub>2</sub>-SAO = D.E. Freeman, K. Yoshino, J.R. Esmond, and W.H. Parkinson, High Resolution Absorption Cross Sections in the Transmission Window Region of the Schumann-Runge Bands and Herzberg Continuum of O<sub>2</sub>," Planetary Space Science 32, No. 9, 1125-1134 (1984).

SUSB-a = Z. Li and P. Varanasi, "Measurement of the Absorption Cross-Sections of CFC-11 at Conditions Representing Various Model Atmospheres," JQSRT 52, (in press 1994).

SUSB-b = P. Varanasi, V. Nemtchinov, S. Li, and A. Cherukuri, "Spectral Absorption-coefficient Data on HCFC-22 and SF<sub>6</sub> for Remote Sensing Applications," JQSRT, 52 (in press 1994).

SUSB-c = P. Varanasi and V. Nemtchinov, "Thermal Infrared Absorption Coefficients at Atmospheric Conditions," JQSRT 51, 679-687 (1994).